"Construction of Elevated Corridor from Sirsi Circle to Nayandahalli on Mysuru Road (Length - 5.20 KM) in Bengaluru City under Engineering, Procurement & Construction (EPC) Mode on Lumpsum, Turkey with allowable Price Escalation using Ultra High Performance Fiber Reinforced Concrete (UHPFRC) - based structures including maintenance for a period 10 years"

Query raised by: M/s. T AND T INFRA LIMITED

Sr. No.	Reference	Page	Clause	Tender Condition / Particulars	Requirement for Amendment / Clarification Required	Clarifications
1	RFP	2	table 2	Construction Period - 18 Months (Including Monsoon Period)	Considering the large quantum of work, wide project scope, and difficulties due to the crowded site location, we kindly request the Authority to allow a construction period of 24 months for smooth and timely completion of the project.	The stipulated completion period of 18 months (including monsoon period) has been fixed by the Employer considering parallel construction fronts, precast/UHPFRC technology, and fast-track execution methodology. **Accordingly, tender conditions prevail.**
2	RFP	4	Notice 9	Performance Security as per contract price in form of FDR/Bank Guarantee obtained from a Nationalized Bank/Scheduled Bank payable at Bengaluru 5% of the Contract Price	We kindly request authority to allow performance security in the form of insurance Surety Bond / E-BG as per EMD allowed in this tender.	Performance security shall be submitted in the form of insurance Surety Bond / E-BG / BG
3	RFP	11	Site Visit	Bidders are encouraged to conduct site-specific surveys and field/soil investigations before bid. The bid period may not permit intrusive investigations in a live urban road corridor with utilities and traffic	Kindly clarify whether bidders are required to carry out any site investigations before bid submission. If so, will the Authority provide necessary permissions for conducting trial pits, boreholes, or other investigations? In cases where such investigations are not feasible before bidding, can bidders rely on the data provided in the DPR and tender documents for pricing purposes?	Bidders are encouraged to carry out site visits, surveys, and investigations before bid submission at their own risk and cost. Subject to submission of an undertaking specifying the tender name/notification, permission for limited investigations may be considered by the Authority. Any damage caused during such investigations shall be restored by the bidder at its own cost. In the absence of bidder-conducted investigations, the geotechnical and site data provided in the DPR may be used for preliminary bid pricing purposes. **Accordingly, tender conditions prevail.**
4	RFP	76	clause 37	The payments to the Contractor shall be made in accordance with the following milestone schedule.	Kindly allow payment through monthly running account (RA) bills based on the actual work executed, to ensure smooth project execution and maintain adequate cash flow during construction.	Shall be paid as per mile stone as specified in the RFP . **Tender conditions shall prevail.**
5	RFP	78	Contract Clause Reference 42	1. Mobilization 5% of the Contract Price	We kindly request the Authority to increase the Mobilization Advance to 10% of the Contract Value, considering the large project size and the significant upfront cost required for UHPFRC procurement and project mobilization. We kindly request the Authority to provide 10% Mobilization Advance in two installments against an unconditional Bank Guarantee, as per Government norms.	**Tender conditions prevail**
6	RFP	78	Clause 42	Mobilization Advance 5% against BG.	We also request the provision of Equipment Advance to facilitate smooth mobilization and execution of the work.	**Tender conditions prevail**

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Sr. No.	Reference	Page	Clause	Tender Condition / Particulars	Requirement for Amendment / Clarification Required	Clarifications
7	RFP	-	general	Land Availability - EPC execution within 18 months.	Kindly confirm availability of 100% encumbrance-free Right of Way at commencement.	The Project alignment has generally been planned within the available Right of Way. Approximately 80% of the required corridor is presently available for commencement of works.
8	RFP	-	General - Early Completion	No bonus clause identified.	Kindly confirm whether any incentive/bonus is payable for early completion of the project.	Not applicable
9	TCS	-	General - Drawing	Drawing indicates UHPFRC U-girder/M150 concrete and notes referencing M40 and M150 elements. Concrete grade allocation between girder, deck slab, struts, diaphragm and pier cap is unclear.	Please issue a material grade schedule for each structural component, including UHPFRC, conventional concrete, PSC pier cap, deck slab, struts, diaphragms, closure pours and joints.	The drawings are conceptual and indicative in nature. Detailed material grades for UHPFRC/UHPC girders, deck slabs, struts, diaphragms, pier caps, closure pours, joints, and other structural components shall be finalized by the Contractor during detailed design in accordance with applicable IRC/MoRTH/BIS standards and approved design requirements, subject to review and approval of the Employer/Authority Engineer.
10	RFP	20	Road Inventory	Traffic plan identifies 7 major signalized cross roads, 43 cross roads and 15 bus stops along the project road. No approved stage-wise traffic diversion scheme, work-zone widths or minimum lanes to be maintained are available	Kindly provide the approved Traffic Management Plan for the project, including the minimum number of live traffic lanes to be maintained during construction, junction-wise traffic diversion arrangements, bus stop relocation plans, and the permissible work-zone width available at each location and construction stage.	The Traffic Management Plan, traffic diversion arrangements, work-zone widths, lane closures, bus stop relocations, and stage-wise construction traffic schemes shall be developed by the Contractor based on detailed site investigations, actual traffic conditions, and construction methodology, and shall be submitted to the concerned Traffic Police/Statutory Authorities for approval prior to implementation. The Contractor shall maintain safe and adequate traffic movement throughout the construction period.
11	RFP	1	General	RFP states project length as 5.20 km; concept/alignment drawing extract indicates end of project at CH 3450.00 m with additional ramp/side chainages. The mainline length, ramp lengths and payable/maintenance limits are not clearly reconciled.	Kindly provide the approved chainage schedule showing start/end chainage, ramp chainages, viaduct length, approach length and total length considered in the EPC scope and 10-year maintenance scope.	The chainages, viaduct lengths, ramp lengths, approach lengths, and structural arrangements indicated in the Concept Drawings are indicative and shall be read together with the approved alignment drawings and scope of work. The EPC scope and the Ten (10) Year Defect Liability cum Maintenance obligations shall apply to the entire Project and all permanent works executed under the Contract within the approved Project Limits, including main carriageway, ramps, loops, approaches, utility works, drainage, structures, and associated facilities.k.
12	RFP	1	General	Tender documents state that uploaded drawings are based on DPR and form an integral reference for bidding and execution.	Kindly confirm whether the uploaded TCS, alignment, profile, pier locations and cross sections are approved/frozen for bidding, or whether revised approved drawings will be issued before bid submission.	The uploaded TCS(Typical Cross Section), alignment, profile, pier locations, cross-sections and concept drawings form part of the Tender Documents and shall be considered for bidding purposes. These drawings are conceptual and indicative in nature and are not frozen for detailed engineering. The successful Contractor shall develop and optimize the detailed design in accordance with the Scope of Work, subject to compliance with mandatory project requirements and approval of the Employer.

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Sr. No.	Reference	Page	Clause	Tender Condition / Particulars	Requirement for Amendment / Clarification Required	Clarifications
13	RFP	-	General	Design consultant/vendor for UHPFRC	Kindly clarify whether the vendor for UHPFRC is fixed by the Authority, or if the Contractor is allowed to select their own vendor.	No UHPFRC vendor is nominated or fixed by the Employer. The Contractor shall select and engage his own UHPFRC design consultant, manufacturing agency, technology provider, and/or specialized subcontractor having proven experience in design, production, quality control, testing, and execution of UHPFRC/UHPC structural components, subject to compliance with the Contract requirements and approval of the Employer.
14	RFP	-	General	Drawings identify Vrishabhavathi River, primary drain and storm water drain near the project corridor. Hydraulic design basis, HFL, discharge, scour, flood return period and outfall constraints are not provided.	Kindly provide hydraulic/hydrology report, HFL, design discharge, flood return period, scour criteria, drain authority approvals and restrictions for works near Vrishabhavathi River / primary drain / storm water drain.	The data shown in the Tender Documents is indicative and for bidding purposes only. The successful Contractor shall carry out detailed hydraulic studies, drainage investigations, level surveys, scour assessments, outfall analysis, and utility coordination, and finalize HFL, design discharge, flood levels, drainage arrangements, invert levels, pipe sizes, slopes, protection measures, and statutory approvals from the concerned authorities as part of the detailed design.
15	RFP	-	General	Works occur near live traffic, bus stops, metro corridor, drains and property limits. Public safety separation, pedestrian routes and emergency access requirements are not specified.	Please provide minimum barricading standards, pedestrian diversion requirements, emergency access obligations, school/hospital/sensitive receptor restrictions and permissible night-work/noise limits.	The Contractor shall prepare and implement detailed traffic management, public safety, barricading, pedestrian diversion, emergency access, work-zone protection, and construction safety plans in accordance with IRC, MoRTH, Traffic Police requirements, and applicable statutory regulations. Any restrictions relating to schools, hospitals, metro corridors, sensitive receptors, working hours, night work, and noise control shall be complied with as stipulated by the concerned authorities during execution.
16	RFP	-	General	Replacement of UHPFRC for Superstructure - UHPFRC is a specialised material with limited availability. UHPFRC requires dedicated production, trial mix approval, plant setup and specialist quality control, its mandatory adoption may affect the project programme.	Considering that this is an EPC project, kindly clarify whether the Contractor is permitted to propose an alternative conventional PSC/RCC/precast concrete superstructure system meeting all design, durability, clearance and performance requirements. If UHPFRC is mandatory, kindly provide approved material specifications, source approval criteria, plant requirements and time allowance for trial mix and production approval.	The Project has been conceptually planned based on UHPFRC/UHPC superstructure systems. All pre-casted elements should be used for superstructures. Hence, tender conditions prevail
17	RFP	-	General	The corridor has multiple junctions, bus stops and service road/property constraints. Junction improvement and bus stop relocation/permanent restoration scope is unclear.	Kindly confirm scope for junction improvements, bus bay/bus stop relocation, pedestrian crossings, service roads, medians, footpaths, signages and road markings during and after construction.	The EPC scope includes junction improvements, bus bay/bus stop relocation and restoration, pedestrian facilities, footpaths, medians, kerbs, traffic signages, road markings, illumination works, traffic safety measures, utility restoration, and all associated permanent restoration works required for completion and integration of the Project Corridor. Such assets shall also form part of the Contractor's maintenance obligations during the Defect Liability cum Maintenance Period.

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Sr. No.	Reference	Page	Clause	Tender Condition / Particulars	Requirement for Amendment / Clarification Required	Clarifications
18	RFP	-	General	Design standards are listed but project-specific geometric design parameters are not summarized. Design speed, lane widths, shoulders, crossfall, gradients, stopping sight distance and ramp geometry may differ by bidder.	Please provide the approved geometric design report with design speed, lane configuration, carriageway width, shoulders, crossfall/superelevation, vertical profile, gradients, sight distance and ramp criteria.	The Tender Drawings and DPR are conceptual in nature. The Contractor shall develop and submit the detailed geometric design in accordance with applicable IRC/MoRTH standards, subject to review and approval by the Employer. No separate geometric design report is proposed to be issued.
19	RFP	-	General	Pier types include portal pier, cantilever pier and PSC pier caps; alignment is constrained by existing road width/property lines - Final pier locations relative to carriageway, drains, metro structures and property limits are not tabulated.	Kindly provide a pier schedule with chainage, coordinates, offset from centerline, pier type, foundation type, minimum road clearance and utility/metro/drain conflict status.	**The pile diameter, pile arrangement, foundation system, pier geometry, and pier cap configuration indicated in the DPR are indicative for tender purposes. Mono-pile technology option will be encouraged to optimize foundation construction time and traffic diversion.**The Contractor may optimize the same based on detailed geotechnical investigations, structural analysis, construction methodology, and site constraints, subject to compliance with Contract requirements and approval of the Employer.
20	RFP	-	General	Tender mandates UHPFRC-based structures but refers mainly to IRC, IS and MORTH standards. Indian codes do not fully define all UHPFRC design, testing and acceptance requirements.	Kindly specify the governing UHPFRC design and material standards, including compressive strength, tensile/flexural criteria, fibre dosage/type, ductility criteria, fracture energy, fatigue, durability and acceptance testing.	The UHPFRC/UHPC requirements indicated in the Tender Documents are conceptual minimum requirements. Detailed material properties, design criteria, fibre type and dosage, strength parameters, durability requirements, testing protocols and acceptance criteria shall be established by the Contractor based on internationally accepted UHPFRC standards, published IIT/IISc recommendations, fib guidelines, relevant IRC/IS provisions and specialized design consultant recommendations, subject to proof checking and Employer approval.

Project Engineer-3
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Chief Engineer-3
Bengaluru Smart Infrastructure Limited

Director (Technical)
Bengaluru Smart Infrastructure Limited

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Subject: Pre-Bid Queries - "Construction of Elevated Corridor from Sirsi Circle to Nayandahalli on Mysuru Road (Length - 5.20 KM) in Bengaluru City under Engineering, Procurement & Construction (EPC) Mode on Lumpsum, Turkey with allowable Price Escalation using Ultra High Performance Fiber Reinforced Concrete (UHPFRC) - based structures including maintenance for a period 10 years"

Query raised by: M/s. Shankaranarayana Constructions Private Limited.

Sl.No	Document (RFP/DCA/etc)	Page No.	Clause / Provision	Bidders Comment / Clarification Requested	Clarifications
1	TCS-UHPFRC Based Superstructure	1 of 12	TCS recommends UHPFRC Open U-Box Girder superstructure.	Kindly clarify whether alternative superstructure systems such as PSC Box Girder, PSC I-Girder, Segmental PSC Box Girder or equivalent IRC-compliant systems may be proposed by the Contractor during detailed design, subject to meeting all performance, durability, serviceability and design life requirements.	The Project has been conceptually planned based on UHPFRC/UHPC superstructure systems. All pre-casted elements should be used for superstructures. Hence, tender conditions prevail
2	RFP-Technology Upgradation Clause	74 of 156	Technology upgrades may be adopted with mutual consent of Employer and Contractor.	Kindly clarify whether adoption of alternative structural technology or construction methodology shall be considered under this provision, subject to mutual consent and compliance with applicable IRC/MORTH standards.	Adoption of alternative structural technology, materials, construction methodology, or optimized structural systems may be considered, subject to mutual approval of the Employer, compliance with applicable IRC/MoRTH/BIS standards, fulfillment of all functional and performance requirements, and demonstration of equal or superior safety, durability, serviceability, constructability, and design life. Any such proposal shall not be treated as a material deviation if approved by the Employer. The same shall not be applicable to the core superstructure which shall be UHPFRC.
3	Superstructure Material	-	Tender description refers to UHPFRC-based structures.	In case the Contractor proposes an alternative PSC-based structural solution meeting the same design life, durability, safety and performance requirements, whether such proposal will be considered for approval without constituting a material deviation from the Contract.	The Project has been conceptually planned based on UHPFRC/UHPC superstructure systems. All pre-casted elements should be used for superstructures. Hence, tender conditions prevail
4	Authority Engineer Approval	-	Detailed design is subject to approval	Kindly confirm the timeline for review and approval of alternative design submissions by the Employer/Authority Engineer to avoid delays in commencement of construction activities.	Tender conditions prevail
5	RFP-Clause 3.8 - Available Tender Capacity & Annexure-1	10 of 156	The RFP stipulates that the Statement showing the value of existing commitments and ongoing works shall be countersigned by the Employer-in-Charge not below the rank of Executive Engineer or equivalent, and certificates from the Employer-in-Charge are required for ongoing works for determination of "B" value.	Considering the practical difficulty in obtaining Employer countersigned certificates from multiple departments/agencies before bid submission, it is requested that a certificate issued by the Statutory Auditor/Chartered Accountant certifying the value of existing commitments and ongoing works (B value). Kindly clarify and confirm.	**Certificate issued by the Statutory Auditor/Chartered Accountant certifying the "B" Value in Bid capacity calculation is allowed.**
6	Section:6, Contract data, Clause: 42	89 of 156	Mobilization Advance: 5% of the Contract Price On submission of Unconditional Bank Guarantee.	In line with the Government of India/Government of Karnataka initiatives and guidelines promoting the use of Insurance Surety Bonds as an alternative to Bank Guarantees for infrastructure projects, it is requested to clarify whether an Insurance Surety Bond issued by an IRDAI-approved insurer may be accepted in lieu of a Bank Guarantee for securing the Mobilization Advance. Kindly confirm that Insurance Surety Bonds shall be treated at par with Bank Guarantees for this purpose.	Insurance Surety Bond / E-BG / BG shall be considered

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Sl.No	Document (RFP/DCA/etc)	Page No.	Clause / Provision	Bidders Comment / Clarification Requested	Clarifications
7	Section 6, Contract data, Clause: 42	89 of 156	The Loan shall be completely repaid prior to the 09 months of the Original Time	We request you to modify "The recovery of the Mobilisation advance payments shall be done in respective currencies and to be recovered within 85% of the contract value is reached in pro-rate basis equally within the contract period or extension of contract if any to recover the whole of Mobilisation advance paid".	Tender condition prevails
8	RFP - Security Deposit	22 of 156	29. Security Deposit	It is requested to kindly consider acceptance of Insurance Surety Bond, in addition to Bank Guarantee (BG), towards Performance Security, in line with Government of India and Department of Expenditure guidelines. Accordingly, the clauses may be amended to permit submission of Security Deposit in the form of BG and/or Insurance Surety Bond, issued by an IRDAI-authorised Insurance Company and payable in India in favour of Chief Engineer-02, B-SMILE.	Insurance surety Bonds are accepted
			Within 20 days of Receipt of the Letter of Acceptance, the Successful Tenderer shall deliver to the Employer a Security Deposit in any of the forms given below for an Amount equivalent to 5% of the Contract Price Plus Additional Security for Unbalanced Tenders in accordance with Sub Clause 25.5 of ITT and Clause 44 of the Conditions of Contract.	The said provision is already being implemented by several Government Organisations such as NHAI, VJNL, KIADB, KNNL, etc., and is supported by GoI Office Memoranda dated 02.02.2022 and 24.09.2024.	
			• Banker's Cheque / Demand Draft / Pay Order in favor of B-SMILE.		
			• A Bank Guarantee in the required formats.		
			• Specified Small Saving Instruments.		
9	General	-	Land Acquisition Status	Kindly provide the current status of land acquisition, Right of Way availability, property acquisition, building dismantling/removal, utility shifting, and statutory approvals/NOCs required for the project. Further, bidders request clarification on the responsibilities of the Employer and Contractor regarding obtaining approvals, utility relocation permissions, traffic diversion approvals, tree-cutting permissions, and other statutory clearances. A corridor-wise Project Readiness Status indicating pending land acquisition, utility shifting, and encumbrance-free site availability may also be provided to enable realistic assessment of project risks and execution planning.	Approximately 80% of the required Right of Way is presently available, and the proposed elevated corridor alignment is generally planned within the existing available ROW. Land acquisition, property acquisition and related statutory processes for balance locations, if any, are being undertaken by the Employer/Government. Utility identification, coordination and shifting shall be carried out in accordance with the provisions of the Contract. The Contractor shall coordinate and provide necessary technical inputs, drawings, surveys, traffic management plans and documentation for obtaining approvals. Refer clause 43 of the RFP for the detailed clarification on the responsibilities of the employer and contractor with respect to utility shifting.
10	RFP-Clause 24	54 of 156	24. Procedure for Resolution of Disputes Clause - Arbitration Deleted	It is observed that the Arbitration Clause has been deleted from the Contract Conditions. In the event of disputes arising during execution of the Contract relating to payments, claims, variations, extension of time, or interpretation of contract provisions, kindly clarify the dispute resolution mechanism to be followed, including the adjudicating authority, appellate process, timelines, and final forum for dispute resolution.	Tender condition prevails

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Sl.No	Document (RFP/DCA/etc)	Page No.	Clause / Provision	Bidders Comment / Clarification Requested	Clarifications
11	Clauses relating to Security Deposit, Retention Money and Interim Payments	88 of 156	Security Deposit of 5%, Retention Money of 5%, and interim payments are released only to the extent of 90% of the certified work executed. Accordingly, a substantial portion of the Contract value remains withheld during the execution period.	The RFP provides for Security Deposit of 5%, Retention Money of 5%, and release of only 90% of certified interim payments. The cumulative effect of these provisions results in substantial withholding of contract funds during execution, leading to significant working capital blockage and increased financing costs, which may adversely affect project cash flow and execution efficiency. It is therefore requested to consider waiver of Retention Money and/or release of 100% of certified interim payments (after applicable recoveries) to facilitate smooth project execution. Kindly clarify and consider.	Tender condition prevails
12	Construction Period	3 of 156	18 Months (Including Monsoon Period)	The stipulated completion period of 18 months appears to be highly stringent considering the project involves construction of an elevated corridor through heavily congested urban areas under live traffic conditions, extensive utility shifting, stakeholder coordination, traffic diversions, and execution within a restricted Right of Way. In the interest of ensuring safe construction, quality workmanship, effective traffic management, and successful project delivery, it is requested to kindly review and extend the completion period from 18 months to 30 months.	The stipulated completion period of 18 months (including monsoon period) has been fixed by the Employer considering parallel construction fronts, precast/UHPFRC technology, and fast-track execution methodology. **Accordingly, tender conditions prevail.**
13	Scope of Work / DPR / Tender Documents	155 of 156	The RFP encourages bidders to conduct their own site visits, surveys and investigations at their own risk and cost prior to bid submission.	Considering the complexity of the project and the extensive scope involving elevated structures, utility shifting, traffic management, and execution in a densely developed urban corridor, it is requested that a detailed scope matrix identifying the responsibilities of the Employer and Contractor may kindly be provided. Further, bidders request the Employer to arrange a joint site visit along with Department officials and concerned stakeholders to enable proper understanding of the actual site conditions, utility constraints, traffic management requirements, and overall scope of work prior to bid submission. Also provide present project scope schedule.	Tenderers are advised to undertake their own site visits, surveys, and investigations at their own risk and cost before bid submission. Site visits may be facilitated on request. **Accordingly, tender conditions prevail.**
14	RFP-Clause - 13.2	13 of 156	Earnest Money Deposit (EMD) as applicable (Rs. 1.00 Lakhs & rest as E-BG/Surety Bonds, etc.).	The tender document does not contain the prescribed format for submission of an Insurance Surety Bond towards Earnest Money Deposit (EMD). Kindly provide the applicable format/proforma to be submitted along with the bid.	EMD shall be submitted as per standard format in the form of E-BG/Security Bonds
15	RFP-Extension of Bid Submission	1 of 156	Last date and time for receipt of tenders	Considering the complexity of the project, execution in a highly congested urban environment, extensive utility interfaces, traffic management requirements, and the EPC nature of the Contract requiring detailed review of the DPR, site investigations, design optimization, and value engineering studies, bidders request extension of the bid submission date by at least 4 to 6 weeks to enable comprehensive assessment of project risks, development of optimized technical solutions, and submission of competitive bids.	Tender condition prevails
16	Concept and Alignment Drawing	01 of 12	Longitudinal Gradient	For example, Longitudinal Gradient for Down Ramp on LHS at CH: 0+210 Km works out to be 12.08% for a 100m ramp length and structure height of 12.08m (5.5+2.5+0.8+3+0.28) as per TCS Provided. The calculated gradient of 12.08% is exceptionally steep. Please clarify whether the Ramp length will be extended to meet the IRC Guidelines for the safe and easy movement of traffic.	The drawings enclosed with the Tender Documetns are conceptual and indicative in nature. The bidders are advised to make site visits and conclude accordingly.

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Sl.No	Document (RFP/DCA/etc)	Page No.	Clause / Provision	Bidders Comment / Clarification Requested	Clarifications
17	Concept and Alignment Drawing	06 of 12	Access to Existing Road at MCW Ramp Location	The Down Ramp at CH: 2+825 Km is proposed on the Main Carriageway, where existing traffic must merge into the existing road. In this section, the overlap of the existing road and the proposed ramp completely hinders the traffic movement. Please clarify the traffic diversion plan or confirm if additional land/service roads will be provided to ensure uninterrupted traffic flow during and after construction. Please clarify.	The drawings enclosed with the Tender Documetns are conceptual and indicative in nature The bidders are advised to make site visits and conclude accordingly.
18	General	-	General	Proposed alignment positions the elevated corridor directly over the service roads, consequently reducing their existing lane width. The reduced lane width creates bottleneck zones. Please clarify if this reduction is acceptable. Kindly provide the absolute minimum required width for the service roads to ensure compliance with standard safety norms.	Road widths shall be as per Plan and Profle and TCS. The bidders are advised to make site visits and conclude accordingly.
19	General	-	General	Scope involves road restoration and asphalt overlaying works across the project stretch. The exact chainages and boundaries for these activities are not defined. Please provide explicit clarity regarding the exact locations, chainages, and the detailed scope of work required for road restoration and asphalt overlaying to avoid ambiguity during execution.	Restoration shall be carried out for all road stretches affected by pile foundations, utility shifting, traffic diversions, construction activities and heavy equipment movement within the Project influence area.
20	RFP	-	Annexure-4 & Annexure-5 (Banker's Certificate/ Line of Credit Letter Requirement)	The RFP contains two different formats relating to Banker's Certificate/Credit Facility under Annexure-4 and Annexure-5 and also requires submission of the original Banker's Certificate. However, the tender documents do not clearly specify which format is to be submitted for qualification purpose. Further, the minimum value of credit facility required for qualification has not been specified. Kindly clarify (i) the applicable format to be submitted (Annexure-4, Annexure-5 or both), and (ii) the minimum credit facility amount/value required to be certified by the issuing Bank for bid evaluation purpose.	(i) As per standard format and procedure of the respective bank shall be submitted in any one of the format given in the RFP (ii) Tender conditions prevails. Since this is a large-scale infrastructure work, the payment schedule may be referred and credit facilities may be suitably arranged at the bidder's end.

Project Engineer-3
Bengaluru Smart Infrastructure Limited

Chief Engineer-3
Bengaluru Smart Infrastructure Limited

Director (Technical)
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"Construction of Elevated Corridor from Sirsi Circle to Nayandahalli on Mysuru Road (Length - 5.20 KM) in Bengaluru City under Engineering, Procurement & Construction (EPC) Mode on Lumpsum, Turkey with allowable Price Escalation using Ultra High Performance Fiber Reinforced Concrete (UHPFRC) - based structures including maintenance for a period 10 years"

Query raised by: AURO INFRA

Sl no	Clause no	Prebids Queries	Clarification
1	Provided that at least one similar work of 20% of Estimated Project Cost shall have been completed from the Eligible Projects specified below. For this purpose, a project shall be considered to be completed, if more than 90% of the value of work has been completed and such completed value of work is equal to or more than 20% of the Estimated Project Cost.	Provided that at least one similar Work of 20% of Estimated Project Cost shall have been completed from the Eligible Projects specified below. For this purpose, a project shall be considered to be completed, if more than 70% of the value of work has been completed and such completed value of work is equal to or more than 20% of the estimated project cost.	Tender document (RFP) conditions prevail
2	C. Eligible projects shall included following: The sole Bidder shall include following; The sole Bidder shall have completed at least one similar Major Bridge/ROB/Flyover project in the last 10 (Ten) financial years preceding the Bid Due Date, having span equal to or greater than 50% of the longest span or 100m, whichever is less of the structure proposed in this project and also the cost of such similar project shall be at least 20% of the Estimated Project Cost and also the length of such Major Bridge/ROB/Flyover project shall be at least 20% of the length of the elevated corridor proposed in this tender document. For this purpose, a project shall be considered to be completed, if more than 90% of the value of work has been completed and such completed value of work is equal to or more than 20% of the Estimated Project Cost.	Eligible projects shall include following: The sole Bidder shall have completed at least one similar Major Bridge/ROB/Flyover/highway project in the last 10 (Ten) financial years preceding the Bid Due Date, having span equal to or greater than 50% of the longest span or 100m, whichever is less of the structure proposed in this project and also the cost of such similar project shall be at least 20% of the Estimated Project Cost. and also the length of such Major Bridge/ROB/Flyover project shall be at least 20% of the length of the elevated corridor proposed in this tender document. For this purpose, a project shall be considered to be completed, if more than 70% of the value of work has been completed and such completed value of work is equal to or more than 20% of the Estimated Project Cost.	Tender document (RFP) conditions prevail
3	Tender Drawings - DRG No. NC/B-SMILE/ADUG/P&P-08, Up Ramp Elevated Length is mentioned 964m and 115.45m Approach Portion. Whereas DRG No. NC/B-SMILE/ADUG/GAD-06 Up Ramp Elevated Length is only 400m.	Please clarify and provide the revised drawing Up ramp Drawing	Drawings provided are indicative only. EPC contractor shall prepare drawings as per their own design
4	Tender Drawing - Total Length of Project including Entry & Exit Ramp is mentioned 5.43Km, whereas Plan & Profile it is 5.84Km	Please Clarify	Drawings provided are indicative only. EPC contractor shall prepare drawings as per their own design
5	Schedules - Complete scope of project schedules	Please provide project Schedules	Project schedules are provided in the contract data attached to the Tender documents. Please refer to the same.
6	Schedule H - Contract Price Weightages	Please provide the item wise Payment Schedule	Payment schedule shall be as stipulated in the contract data section of the tender documents. Please refer to the same.

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Sl no	Clause no	Prebids Queries	Clarification
7	Section:5 Clause 34.1 & 35 Condition of Contract Variation: The Employer shall have power to order the Contractor to do any or all of the following as considered necessary or advisable during the Progress of the Work by him. a. Increase or decrease of any Item of Work. b. Omit any Item of Work. c. Change the Character or Quality or Kind of any Item of Work. d. Change the Levels, Lines, Positions, Locations and Dimensions of any Part of the Work. e. Execute Additional Items of Work of any kind necessary for the Completion of the Works and. f. Change in any Specified Sequence, Methods or Timing of Construction of any Part of the Work. required for the successful completion of the project, without entitlement to additional payment." Clause 35: Payment for Variation - Deleted "As per the existing clause, the Contractor shall execute any additional items of work	If any item beyond the scope of work, or not considered in the schedules, estimate it will come under Variation. The following existing clause is mentioned, not entitled any additional payment. Please clarify.	No additonal payments will be given. Tende conditions to prevail.
8	Land Acquisition Status	Land Acquisition status	Land is available at the via-duct portion and the process of land acquisition at the ramp portions is in process which will be confirmed on submission of GAD by the successful bidders.
9	KMZ File	Please provide the KMZ file	KMZ file will be uploaded as an addendum

Project Engineer-3
Bengaluru Smart Infrastructure Limited

Chief Engineer-3
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Director (Technical)
Bengaluru Smart Infrastructure Limited

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Subject: Pre-Bid Queries - "Construction of Elevated Corridor from Sirsi Circle to Nayandahalli on Mysuru Road (Length - 5.20 KM) in Bengaluru City under Engineering, Procurement & Construction (EPC) Mode on Lumpsum, Turkey with allowable Price Escalation using Ultra High Performance Fiber Reinforced Concrete (UHPFRC) - based structures including maintenance for a period 10 years"

Query raised by: Venkata Rao Infrastructure

Sl. No	Document Section/Page No	Clause/Requirement	Query/Clarification requested	Response
1	EPC RFP Section 2 (ITT), Clause 3.2 (Page No:8), Clause 3.8 (Page No: 11-12) Annexure 13 (Page No: 84-85).	Financial Capacity/Audited Financial Statements: The RFP requires bidders to demonstrate financial capacity (turnover, net cash accruals, and net worth) over the last five financial years, explicitly listing FY 2025-26 as one of the required years. Furthermore, the instructions mandate that the submitted financial statements must "correspond to accounting periods already completed and audited" –	The due date for finalizing our financial statements is August 30, 2020, in accordance with the Income Tax Act and the Companies Act. Therefore, we kindly request that you consider our audited statements from FY 2024-25 onwards	Accepted. For the purpose of evaluation of Financial Capacity, the Bidder may furnish audited financial statements for the last 5 completed and audited financial years up to FY 2024-25. Accordingly, reference to FY 2025-26 in the relevant clauses / annexures shall be read as modified to this extent
2	RFP of Section 6: Contract Data, Clause 21 (Page 75) & LA Plans (Sheets 1-4)	Site Possession Date: The site possession date is stated as "From the date of Issue of Work Order." However, the Land Acquisition (LA) Plans indicate several areas marked as "Proposed Area for Acquisition (PROW)."	If the site handover is delayed or executed in phases due to Land Acquisition (LA) issues, please clarify if a proportionate Extension of Time (EOT) will be granted to the contractor.	The Employer shall endeavor to provide the required site and Right of Way in accordance with the project implementation schedule. In the event of delay in site handover, land acquisition, statutory clearances or other reasons attributable to the Employer affecting the critical path of the Works, **Extension of Time (EOT) shall be considered in accordance with the relevant Conditions of Contract.**
3	Section 5: Special Conditions of Contract, Clause 49.2 (Page 247)	Anti-carbonation treatment: The Contractor must carry out anti-carbonation protective coating/painting to exposed concrete surfaces at the end of the 3rd, 6th, and 9th years.	Since Ultra High-Performance Fiber Reinforced Concrete (UHPFRC) possesses ultra-high density and practically zero permeability, an anti-carbonation coating is technically redundant. Please clarify if this requirement applies only to conventional concrete structures (e.g., piers, crash barriers) and if UHPFRC girders are exempt.	The requirement for anti-carbonation protective coating shall primarily apply to conventional concrete components such as piers, pier caps, crash barriers, parapets, retaining walls and other exposed RCC/PSC elements. For UHPFRC/UHPC structural components, the protection requirements shall be finalized based on the approved material specifications, durability assessment and recommendations of the designer/manufacturer and approved by the Employer.

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Sl. No	Document Section/Page No	Clause/Requirement	Query/Clarification requested	Response
4	Concept and Alignment Plans / Topographical Survey Plans	Proximity to Metro Line: The alignment and topographical drawings show the proposed corridor running directly adjacent to, and potentially crossing, the existing "Metro Purple Line".	The drawings indicate a heavy interface with the active Metro Purple Line. Please clarify whose responsibility it is to obtain the necessary NOCs from BMRCL. Additionally, will there be restricted working hours (e.g., only non-revenue night hours) for piling or launching girders in these specific zones?	The Contractor shall be responsible for coordinating with BMRCL and obtaining necessary design/interface approvals for the proposed corridor alignment, pier locations and construction methodology in Metro influence zones. The minimum horizontal clearance from Metro structures shall generally be as stipulated by BMRCL, and the corridor alignment may be suitably refined during detailed design. Any additional land requirement arising therefrom shall be addressed by the Employer, if approved. Working hour restrictions, traffic blocks and construction windows near Metro assets shall be governed by the conditions stipulated by BMRCL during the approval process. **The approval of other authorities such as BMRCL, etc. shall be sought by the contractor in co-ordination with employer.**
5	Drawings	P&P and GAD drawings are unavailable; only TCS information is available at this particular section.	Please provide the corresponding P&P and GAD drawings for this section to ensure a complete understanding of the alignment, elevations, and structural arrangements required for accurate bidding.	Road Geometrics and applicable IRC standards. The drawings enclosed with the Tender Documents are conceptual in nature. The Contractor shall finalize the detailed ramp lengths, gradients, vertical curves and profile geometry during detailed design such that **the maximum longitudinal gradient generally does not exceed 5% (1 in 20), or as otherwise permitted under the applicable IRC provisions, subject to approval of the Employer.**

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Chief Engineer-3
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Subject: Pre-Bid Queries - "Construction of Elevated Corridor from Sirsi Circle to Nayandahalli on Mysuru Road (Length - 5.20 KM) in Bengaluru City under Engineering, Procurement & Construction (EPC) Mode on Lumpsum, Turkey with allowable Price Escalation using Ultra High Performance Fiber Reinforced Concrete (UHPFRC) - based structures including maintenance for a period 10 years"

Query raised by: M/s Unique Infra

Sl no	Clause no	Description	Prebids Queries	Response
1	7.2 (NIT)	For implementation of new technologies namely UHPFRC, Bridge bearings, etc., post tender agreement on award of work should be accompanied with agreements/MoUs from respective sub-contractors.	The Authority is requested to clarify the qualification criteria applicable to the proposed UHPFRC Sub-Contractor. Specifically, kindly confirm: (a) Minimum years of experience required in execution of UHPFRC structures. (b) Requirement of UHPFRC production/manufacturing facilities, including batching plant and associated infrastructure. (c) Minimum number of completed UHPFRC structures/projects required for eligibility. (d) Maximum span length of completed UHPFRC structures to be considered for credential evaluation. (e) Any other specific technical, financial, or performance criteria applicable to the UHPFRC Sub-Contractor.	The UHPFRC/UHPC Design Consultant, Manufacturer and Specialized Sub-Contractor shall be engaged by the Contractor and shall possess demonstrated experience in the design, manufacture, quality control and execution of UHPFRC/UHPC bridge structures. The detailed qualification criteria, including experience, completed projects, production facilities, span capabilities and technical competency, shall be proposed by the Contractor and shall be subject to review and approval by the Employer at the time of approving sub-contractor as per clause 7 and relevant sub-contracting provisions of the scope of work. Preference shall be given to agencies having proven experience in UHPFRC/UHPC bridge projects and working in association with recognized National Institutes such as IITs, IISc or equivalent approved technical organizations.
2	7.2	Agreement / MoU with UHPFRC Sub-Contractor	Kindly clarify whether the Agreement/MoU with the proposed UHPFRC Sub-Contractor is required to be submitted along with the bid or can be furnished after issuance of the Letter of Award (LoA).	It is at the discretion of the bidder to submit a letter of Association / Memorandum of Understanding (MoU) / Letter of Intent from the proposed UHPFRC/UHPC Specialist Agency indicating willingness to participate in the Project along with the bid, but not mandatory as per the tender.
3	7.2	Sub-Contractor Credentials	Kindly clarify whether the experience and credentials of the proposed UHPFRC Sub-Contractor shall be considered for meeting the qualification requirements of the UHPFRC works under the project.	Yes, but it will be dealt with the successful bidder during the course of engaging UHPFRC sub-contractor / expert agency

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Subject: Pre-Bid Queries - "Construction of Elevated Corridor from Sirsi Circle to Nayandahalli on Mysuru Road (Length - 5.20 KM) in Bengaluru City under Engineering, Procurement & Construction (EPC) Mode on Lumpsum, Turkey with allowable Price Escalation using Ultra High Performance Fiber Reinforced Concrete (UHPFRC) - based structures including maintenance for a period 10 years"

Query raised by: M/s Markolines

Sl no	Clause no	Description	Prebids Queries	Response
1	7.2 (NIT)	For implementation of new technologies namely UHPFRC, Bridge bearings, etc., post tender agreement on award of work should be accompanied with agreements, MoUs from respective sub-contractors.	The Authority is requested to clarify the qualification criteria applicable to the proposed UHPFRC provider. Specifically, kindly confirm: (a) Minimum years of experience required in execution of UHPFRC structures. (b) Requirement of UHPFRC production/manufacturing facilities, including batching plant and associated infrastructure. (c) Minimum number of completed UHPFRC structures/projects required for eligibility. (d) Minimum/maximum span length of completed UHPFRC structures to be considered for credential evaluation. (e) Any other specific technical, financial, or performance criteria applicable to the UHPFRC provider.	The UHPFRC/UHPC Design Consultant, Manufacturer and Specialized Sub-Contractor shall be engaged by the Contractor and shall possess demonstrated experience in the design, manufacture, quality control and execution of UHPFRC/UHPC bridge structures. The detailed qualification criteria, including experience, completed projects, production facilities, span capabilities and technical competency, shall be proposed by the Contractor and shall be subject to review and approval by the Employer at the time of approving sub-contractor as per clause 7 and relevant sub-contracting provisions of the scope of work. Preference shall be given to agencies having proven experience in UHPFRC/UHPC bridge projects and working in association with recognized National Institutes such as IITs, IISc or equivalent approved technical organizations.
2	7.2	Agreement / MoU with UHPFRC Sub-Contractor	Kindly clarify whether the Agreement/MoU with the proposed UHPFRC Sub-Contractor is required to be submitted along with the bid or can be furnished after issuance of the Letter of Award (LoA).	It is at the discretion of the bidder to submit a letter of Association / Memorandum of Understanding (MoU) / Letter of Intent from the proposed UHPFRC/UHPC Specialist Agency indicating willingness to participate in the Project along with the bid, but not mandatory as per the tender.
3	7.2	Sub-Contractor Credentials	Kindly clarify whether the experience and credentials of the proposed UHPFRC Sub-Contractor shall be considered for meeting the qualification requirements of the UHPFRC works under the project.	Yes, but it will be dealt with the successful bidder during the course of engaging UHPFRC sub-contractor / expert agency

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Subject: Pre-Bid Queries - "Construction of Elevated Corridor from Sirsi Circle to Nayandahalli on Mysuru Road (Length - 5.20 KM) in Bengaluru City under Engineering, Procurement & Construction (EPC) Mode on Lumpsum, Turkey with allowable Price Escalation using Ultra High Performance Fiber Reinforced Concrete (UHPFRC) - based structures including maintenance for a period 10 years"

Query raised by: M/s SMC Infrastructures

Sl no	Clause no	Description	Prebids Queries	Response
1	7.2 (NIT)	For implementation of new technologies namely UHPFRC, Bridge bearings, etc., post tender agreement on award of work should be accompanied with agreements/MoUs from respective sub-contractors.	The Authority is requested to clarify the qualification criteria applicable to the proposed UHPFRC provider. Specifically, kindly confirm: (a) Minimum years of experience required in execution of UHPFRC structures. (b) Requirement of UHPFRC production/manufacturing facilities, including batching plant and associated infrastructure. (c) Minimum number of completed UHPFRC structures/projects required for eligibility. (d) Minimum/maximum completed UHPFRC structures to be considered for credential evaluation. (e) Any other specific technical, financial, or performance criteria applicable to the UHPFRC provider.	The UHPFRC/UHPC Design Consultant, Manufacturer and Specialized Sub-Contractor shall be engaged by the Contractor and shall possess demonstrated experience in the design, manufacture, quality control and execution of UHPFRC/UHPC bridge structures. The detailed qualification criteria, including experience, completed projects, production facilities, span capabilities and technical competency, shall be proposed by the Contractor and shall be subject to review and approval by the Employer at the time of approving sub-contractor as per clause 7 and relevant sub-contracting provisions of the scope of work. Preference shall be given to agencies having proven experience in UHPFRC/UHPC bridge projects and working in association with recognized National Institutes such as IITs, IISc or equivalent approved technical organizations.
2	7.2	Agreement / MoU with UHPFRC Sub-Contractor	Kindly clarify whether the Agreement/MoU with the proposed UHPFRC provider to be submitted along with the bid.	It is at the discretion of the bidder to submit a letter of Association / Memorandum of Understanding (MoU) / Letter of Intent from the proposed UHPFRC/UHPC Specialist Agency indicating willingness to participate in the Project along with the bid, but not mandatory as per the tender.
3	7.2	Sub-Contractor Credentials	Kindly clarify whether the experience and credentials of the proposed UHPFRC provider shall be considered for meeting the qualification requirements of the UHPFRC works under the project.	Yes, but it will be dealt with the successful bidder during the course of engaging UHPFRC sub-contractor / expert agency

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